

NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT

Project Title:	<i>Junction Box Lid Redesign</i>		
RFP NUMBER: 7121823	NJDOT RESEARCH PROJECT MANAGER: Stefanie Potapa		
TASK ORDER NUMBER: 10	PRINCIPAL INVESTIGATOR: Hugh Louch		
Project Starting Date: 8/28/2009 Project Ending Date: 10/27/2009	Period Starting Date: 1/1/2010 Period Ending Date: 3/31/2010		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
1. Identify Lid Redesign Options	100%	0%	100%	100%
TOTAL	100%			100%

Project Objectives:

The objectives of this project are to identify potential lid modifications for junction boxes or new lid designs that prevent rodents from accessing the junction boxes and causing electrical shorts.

Project Abstract:

The New Jersey Department of Transportation (DOT) has been experiencing rodents entering into junction boxes and accessing the traffic signal conduit and cables. Once in the conduit, the rodents begin to chew on the traffic signal cables. Over time, the traffic signal cables are damaged or severed causing the traffic signal to become inoperable.

1. Progress this quarter by task:

Task 1:

- Responded to comments on the final report.

2. Proposed activities for next quarter by task

- No activity anticipated.

Total Project Budget	\$6,541.46
Contract Amount:	\$6,541.46
Total Project Expenditure to date	\$6,541.46
% of Total Project Budget Expended	100%